

**CONSULTANTS, INC.**  
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**NJ EDA Approved Testing Laboratory • MBE/DBE Certified • NJ DEP Certified**  
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July 5, 2019

ARKAD Development Group  
107 Park Avenue  
Plainfield, NJ 07060

Attn.: Mr. Jeff Coburger

Re: Field Percolation Test Result  
9 Jay Road,  
Chatham, NJ 07928

Dear Mr. Coburger,

Attached, please find field percolation test report for the test performed on July 1<sup>st</sup>, 2019. Test pit was excavated at the location marked on the attached drawing. Test pit was excavated approximately 8'-6" below grade to prepare soil profile log and check static Groundwater depth. Groundwater was not encountered at 8'-6" depth. Field Percolation test was performed at 4'-6" depth. Noted Hydraulic Conductivity rate of 0.55 inch/ hour. Soil Permeability class rating K1.

Should you have any questions or require additional information, please contact the undersigned at (908) 754-8383.

Sincerely,  
ANS CONSULTANTS, INC.

Atul N. Shah, PE, F. ASCE  
President  
NJ PE license #24GE03443900  
ANS/ajs

Phone: 888-382-7523  
Email: [jeff@arkadgroup.co](mailto:jeff@arkadgroup.co)

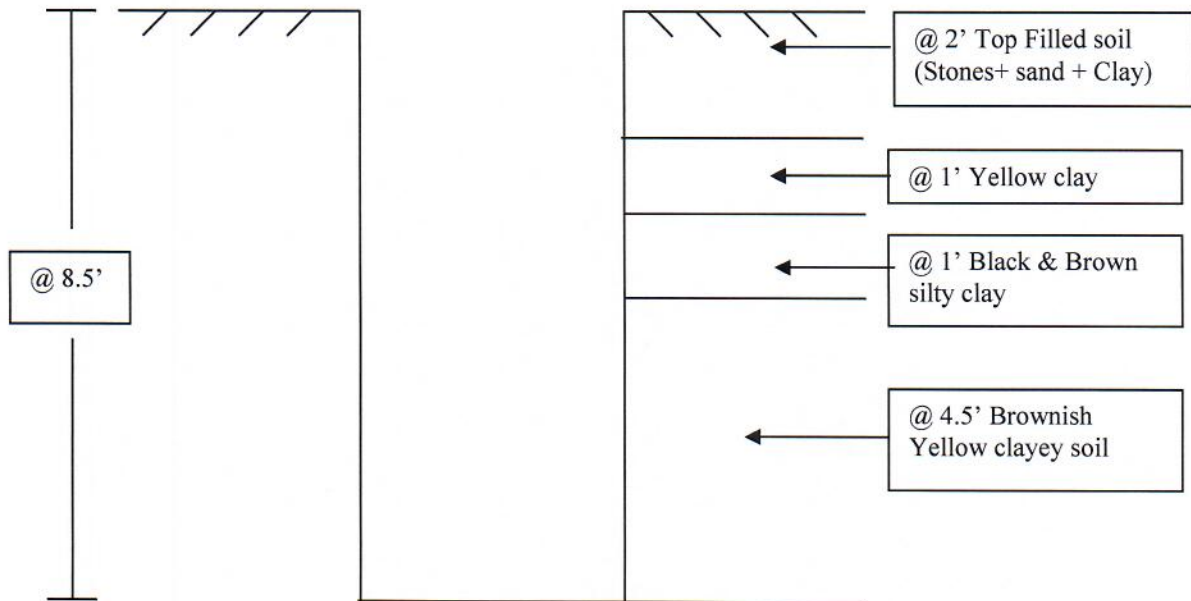
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**SOIL TEST PIT LOG**

**N.T.S**

Note: 1) No groundwater encountered within 8.5 feet of test-pit.

**CLIENT:** ARKAD Development Group

**PROJECT:** Field Percolation Test

9 Jay Road,  
Chatham, NJ.

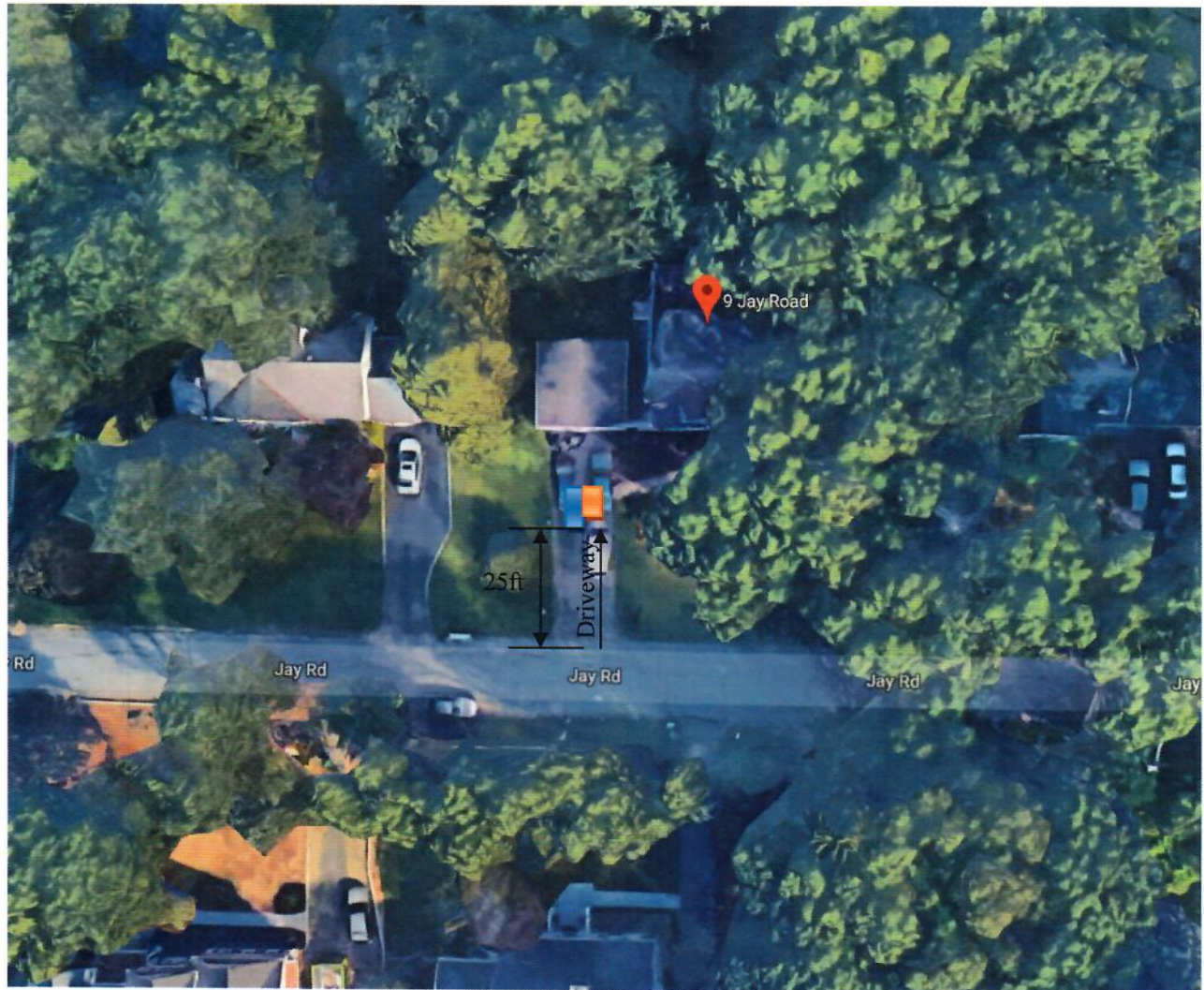
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**TEST LOCATION**



**SOIL TEST PIT & PERCOLATION TEST LOCATION PLAN**  
**N.T.S**

Legends:

-  Test-Pit Location
-  Percolation test location

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**PERCOLATION TEST**

**CLIENT:** ARKAD Development Group.  
107 Park Avenue,  
Plainfield, NJ 07060

**DATE:** 07-01-2019**Kind Attn:** Jeff Coburger**FILE NO:** ANT-4595

**PROJECT:** Field Percolation Test  
9 Jay Road,  
Chatham, NJ 07928.

**REPORT NO:** 1

**ENGINEER:** Harsh Shah  
Akash Patel

**LOCATION:** Marked on drawing**DEPTH:** 4.5' depth**Test Data**

Sr No.	Time	Height of Water level In.	Time Interval min	Water Drop In.	Remark
1	12:30 PM	6	30	2.5	
2		6	30	1.5	
3		6	30	1	
4		6	30	0.75	
5		6	30	0.75	
6		6	30	0.75	Steady State Condition reached
	Percolation rate				1.5 in/hr
	Hydraulic Conductivity rate				0.55 in/hr
	Soil Permeability Class				K 1

Note: 1) Percolation test done using 8" perforated pipe as per NJ BMP Manual guidelines.

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**TEST SET UP @ 4.5 ft**



**TEST PIT @ 8.5 ft from GL**



**No seasonal High Water found**